



RadioShack.

8-in-1 LCD Remote

15-100



Please read this user's guide before installing,
setting up and using your new product
www.radioshack.com

TABLE OF CONTENTS

Introduction	4
Installing Batteries	5
Battery Use And Safety	5
To Install Batteries:	5
Features and Functions	6
Key Charts	7
Device Table	9
Setting the Language	10
Setting the Clock	10
Programming a Device	11
Programming a Device by Selecting Its Brand	11
Programming a Device by Manually Entering Its Code	12
Programming a Device by Searching for Its Code	14
Using My System Mode	15
Control Organization	15
About Control Groups	15
About Device Modes	15
Factory Default Settings	15
Programming My System Mode	16
Using Learning	16
Learning Precautions	16
Programming a Learned Key	17
Deleting a Single Learning Key	17
Deleting All Learned Keys in a Specific Mode	18
Using Keymover	18
Programming Keymover	18
Restoring a Single Keymover Key	19
Restoring All Keymover Keys in a Single Mode	19
Programming Favorite Channel Scan	20
Using Channel Scan	20
Setting the Power Macro	20
Setting Time Macros	22
Setting a Daily Time Macro	22
Setting a Weekly Time Macro	23
Deleting a Time Macro	23
Changing Volume Lock	24
Locking Volume Control to One Mode (Global Volume Lock)	24
Unlocking Volume Control for a Single Device (Individual Volume Unlock)	24
Unlocking All Volume Control (Restoring Global Unlock)	25
Using Text Edit	25
Resetting the Remote	26
Troubleshooting	27
Specifications	27
RF Emissions Information	27
Limited 90-Day Warranty	74

Manufacturer's Codes	29
Setup Codes for TVs	29
Setup Codes for Audio Amplifiers.....	41
Setup Codes for Audio Accessories	42
Setup Codes for Audio Receivers.....	42
Setup Codes for Cable Set-top Boxes	46
Setup Codes for Cable/PVR Combos	48
Setup Codes for CD Players	49
Setup Codes for DBS/PVR Combo Boxes	51
Setup Codes for DVD Players	52
Setup Codes for DVD/PVR Combos.....	56
Setup Codes for Home Automation	56
Setup Codes for PVRs.....	57
Setup Codes for Satellite Set-top Boxes	58
Setup Codes for TV/DVD Combos	60
Setup Codes for TV/VCR Combos	60
Setup Codes for TV/VCR/DVD Combos	62
Setup Codes for Video Accessories	63
Setup Codes for VCRs.....	64

INTRODUCTION

Thank you for purchasing a **RadioShack** 8-in-1 LCD Remote. Your remote lets you control up to eight home entertainment devices with one easy-to-use, compact unit.

After installing batteries (see next section), you can immediately use the **RadioShack** 8-in-1 LCD Remote to control Sony home entertainment devices, and a Dish Network satellite receiver. To control other brands, perform the instructions in Programming a Device. For best results, please read and perform all the remaining instructions. Also, keep this guide for future reference.

- **LCD Screen** – A two-line LCD display
- **My System Mode** – a custom mode that groups the most-often-used keys in different modes together for operating convenience in one mode
- **Macros** – for instant activation of favorite key sequences
- **Learning** – to capture unique functions from your devices' original remote controls
- **Direct Code Setup** – for easy device programming with setup codes
- **Innovative Code Search** – allows setup of your devices without looking up codes
- **Favorite Channel Scan** – for easy channel surfing of favorite channels
- **Volume Lock** – to assign volume controls to individual devices or to one global device
- **Extensive Code Library** – largest and most efficient group of IR remote control codes for virtually every current brand and make
- **Text Edit** – You can use the keypad on your remote to edit and enter text that appears on the LCD screen
- **Language Selection** – You can select either English or Spanish as the remote's interface language

INSTALLING BATTERIES

Your *RadioShack* 8-in-1 LCD Remote requires four AAA batteries (not supplied) for power.

Battery Use And Safety

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (that is, standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

CAUTION: If you do not plan to use the remote for an extended period, remove the batteries. They can leak chemicals that can damage electronic parts.

WARNING: Dispose of old batteries promptly and properly. Do not burn or bury them.

To Install Batteries:

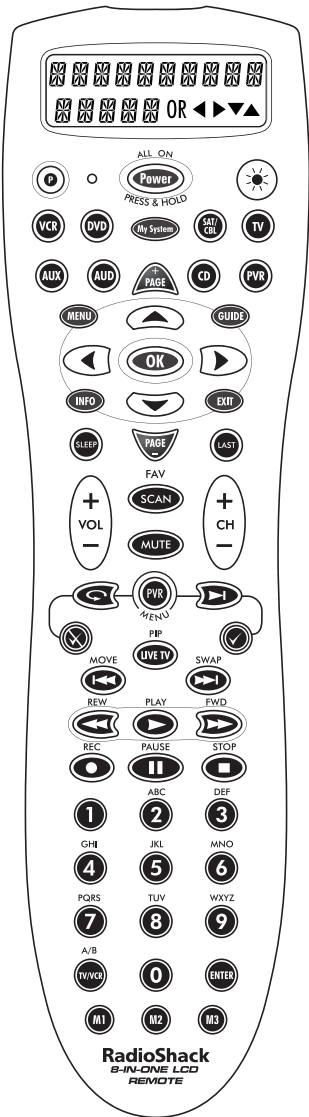
1. Open the battery compartment cover (located on the back of the remote).
2. Place the AAA batteries in the compartment and match the + and - polarity symbols inside.
3. Replace the cover.

NOTE: The *RadioShack* 8-in-1 LCD Remote will not lose any setup configurations, even when it loses power.














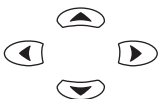





FEATURES AND FUNCTIONS











Use the illustration below to locate features on the **RadioShack** 8-in-1 LCD Remote and then study the Key Charts (on the next three pages) to learn how they function.

To find out what type of devices can be controlled by each device key after programming, see “Device Table” on page 9.



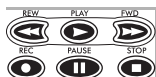
Key Charts

Press this key...	To...
	Enter programming mode.
	Turn the selected device on or off, or run the macro you programmed for the Power button (see “Setting the Power Macro” on page 20 for more information).
       	Select a device to control.
	Display the menu for the selected device.
	Display the menu for the PVR.
	Display the program guide for the selected device.
	Move the cursor in the program guide and menu screens.
	To choose options in the LCD menu screens and to tune programs from the program guide.
 	Scroll up or down the menu of your PVR or cable/satellite box one page at a time.
	Choose options from the selected device's menu or guide.
	Return to live TV on your PVR.

Press this key...	To...
	Exit the selected device's menu, guide, or program.
	Select the next or previous channel. Select the next or previous chapter on some DVD player models.
	Increase or decrease the sound level. NOTE: When the device that is set up does not support volume functions, the remote will send volume for TV.
	Turn the sound off or on.
	Switch the TV's, VCR's, CBL/SAT's, or DVD's input to view TV or video programs, or to act as your cable box's A/B switch.
	Recall the last-viewed channel.
	Scan favorite channels (and/or all channels). See "Programming Favorite Channel Scan" on page 20 and "Using Channel Scan" on page 20.
	Use MY SYSTEM to create a custom mode with favorite remote control keys from different devices in your home theater system. See "Using My System Mode" on page 15.
 <div> <div>1 GHI</div> <div>2 ABC</div> <div>3 DEF</div> <div>4 PQRS</div> <div>5 JKL</div> <div>6 MNO</div> <div>7 PQRS</div> <div>8 TUV</div> <div>9 WXYZ</div> </div>	Directly enter channels (for example, 09 or 31). You can also use the keypad for text editing and entering the manufacturer's codes for your home entertainment device. See "Using Text Edit" on page 25 and "Programming a Device" on page 11.
	Input channel number entries on some TV models or make a selection on a device's menu.

Press this key...

To...



Control your VCR, DVD player, or Video On Demand (VOD) if available on your cable/satellite service.



Control the functions of your PVR.



Control the Picture in Picture (PIP) functions of your TV or VCR.



Record a video program on a record-capable device (press twice).



Use the light bulb key to turn LED backlighting on or off. Press and hold this key to display the time and date on the LCD. The time and date will display only if the clock has previously been set.



Set the sleep timer of your selected device. This is only available if your device has a sleep function.



Program macros. You can program macro sequences on any of these three keys.

Device Table

NOTE: Please refer to the table below when performing the instructions in “Programming a Device” on page 11.

After programming, the **RadioShack** 8-in-1 LCD Remote will be able to control the following types of devices:

Device Key

Controls these types of devices




Any device type can be assigned via the LCD menu. Device types include: TV, VCR, DVD, AUX, Cable, Satellite, DSS, Receiver, PVR, Amp, Misc. Audio, CD, Home Automation, Video Accessories, and Tuner.

SETTING THE LANGUAGE

Before using your **RadioShack** 8-in-1 LCD Remote, you must set the default language (either English or Spanish). You cannot use your remote control until you have set the language. To set the language for your remote control for the first time, perform the following steps:


1. After the remote powers up, the LCD displays *ENGLISH OK OR ▲ ▼*.
2. Press **OK** for English or press ▼ until *SPANISH* is displayed. Press **OK**.
3. The LCD displays *SUCCESS* and returns to normal operation.

To change the language after the initial setup, perform the following steps:

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*. The remote is now in the programming mode. 
2. Use the ▲ or ▼ keys to scroll through the LCD display until *LANGUAGE* is displayed.
3. Press **OK** once.
4. To set the language to English, press **OK** once. To set the language to Spanish, use the ▼ to scroll to *SPANISH*. Press **OK** to select Spanish as the remote control's language.
5. To exit this menu, press **EXIT** once, or use the ◀ key to return to the previous menu.

SETTING THE CLOCK

To set the clock on your remote control, perform the following steps:

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*. The remote is now in the programming mode. 
2. Use the ▲ or ▼ keys to scroll through the LCD until *CLOCK SET* is displayed.
3. Press **OK** once.
4. The LCD displays the time as previously set, if any. The first set is the hour. The second set is the minutes. In the position following the numbers, the LCD displays *A* or *P* for A.M. or P.M.
5. While the number for the first digit is flashing, use the ▲ or ▼ keys to select the correct digit. You can also change the time by pressing the number keys on your remote control's keypad.
6. Use the ▶ key to change to the next digit, until the last digit is set. Use ◀ to go back to the previous digit.
7. After you have set the correct time, use the ▶ key to cursor over to *A* or *P*.

8. Use the ▲ or ▼ keys to select either *A* or *P*.
9. Press **OK** once.
10. The LCD displays *SUCCESS*.
11. The LCD displays a day of the week. Use the ▲ or ▼ keys to change the day if it is not correct.
12. Press **OK** once. The day is now set.
13. The LCD displays *SUCCESS*.

NOTE: The LCD does not display the clock on the screen during normal operation. To view the current time, press and hold the **Light bulb** key until the LCD displays the time. The clock is used for timed macros. For more information on timed macros, see “Setting Time Macros” on page 22.



PROGRAMMING A DEVICE

The **RadioShack** 8-in-1 LCD Remote comes pre-programmed to operate Sony TVs, VCRs, DVD players, and audio devices, as well as a Dish Network satellite receiver. To control devices other than these default brands, follow these steps; otherwise, skip this section.

Before proceeding, find the codes for the devices you want to program in Manufacturer's Codes and write them down or highlight them.

The **RadioShack** 8-in-1 LCD Remote offers three methods for programming a device. You can program a device by selecting its brand (for the top 25 brands only), by manually entering its ID code into the remote control, or by searching for the code.

Programming a Device by Selecting Its Brand

1. Turn on the device (for example, DVD player) and, if needed, load media (for example, a DVD).
2. Press and hold **P** until the LCD displays *CODE SET OK OR* ▲ ▼.
3. Press **OK**.
4. The LCD displays *BRAND*.
5. Press **OK**. The LCD displays *PRESS MODE OR* ▲ ▼.
6. Select the mode on the remote that you would like to set (for example, *TV*).
7. The LCD displays *SETUP CBL*. Use the ▲ ▼ keys to scroll through the different types of devices to set up. Press **OK**.
8. Select the brand of device you want to control (for example, Sony), by using the ▲ ▼ keys to scroll through the brand list. You can also select your brand by using your keypad like the keys on a cell phone, to jump from letter to letter (for example, press **2** repeatedly to select either **A**, **B**, or **C**). Press **OK**.



9. Aim the remote control at your device (for example, TV). Press any key but **OK**, **▲**, **◀**, **▼** or **EXIT** to test that the remote control works with your device. Use the **▲ ▼** keys to select a different code within the same brand, if any. Press **OK** to save.
10. The LCD displays *SUCCESS*.
11. The LCD displays *EDIT TEXT*. This option allows you to change the default display for this mode from the brand of the device (for example, Sony) to a personalized display (for example, My TV). Press **OK** to edit text, or press **◀** to exit without text editing. See steps 4-5 of “Using Text Edit” on page 25.

Programming a Device by Manually Entering Its Code

1. Turn on the device (for example, DVD player) and, if needed, load media (for example, a DVD).
2. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*.
3. Press **OK** once. The LCD displays *BRAND*.
4. Use the **▲ ▼** keys to scroll through the LCD display until it displays *ID SET*.
5. Press **OK**.
6. The LCD displays *PRESS MODE OK OR ▲ ▼*. Press the mode on the remote for the device you want to program (for example, **TV**).
7. The LCD displays *ENTER ID*. Press **OK**. Enter the first five-digit code for your device. As you enter the code numbers, each number displays on the LCD from right to left.
8. Press **OK** to confirm the code.



NOTE: If you do not press **OK**, the remote does not save the code you entered.

9. The LCD displays *TEST* followed by the code you entered (for example, *TEST 10000*).

NOTE: At this point, you can use function keys other than **OK**, **◀** and **EXIT** (for example, **POWER**) to test the code.

10. Press **OK** once. The LCD displays *SUCCESS*.

NOTE: If you cannot find a code that works, see “Programming a Device by Searching for Its Code” on page 14.

11. The LCD displays *EDIT TEXT*. This option allows you to change the default display for this mode from the code of the device (for example, 10000) to a personalized display (for example, My TV). Press **OK** to edit text, or press **◀** to exit without text editing. See steps 4-5 of “Using Text Edit” on page 25.
12. Repeat steps 1 to 11 for each device you want to control. For future reference, write down each working device code in a safe place.

AUX Code

--	--	--	--	--

Device Type:_____

CD Code

--	--	--	--	--

Device Type:_____

DVD Code

--	--	--	--	--

Device Type:_____

AUD Code

--	--	--	--	--

Device Type:_____

SAT/CBL Code

--	--	--	--	--

Device Type:_____

TV Code

--	--	--	--	--

Device Type:_____

PVR Code

--	--	--	--	--

Device Type:_____


VCR Code

--	--	--	--	--

Device Type:_____

Programming a Device by Searching for Its Code

If your device does not respond to the remote after trying all codes listed for your brand, or if your brand is not listed, try searching for your code. For example, to search for a code for your TV:

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*. 
 2. Press **OK**.
 3. Use the ▼ key to scroll through the LCD display until the LCD displays *SEARCH*.
 4. Press **OK** once.
 5. Press the mode key on the remote for the device you want to program (for example, **TV**).
 6. The LCD displays *SETUP CBL*. Use the ▲ ▼ keys to select the device type you want to set up.
 7. Press **OK**.
 8. The LCD displays *PRESS TEST KEY*. At this point, press the test key you would like the remote to transmit every time it moves to the next code during the search.
 9. The remote displays the next code in the list. Use the ▲ ▼ keys to scroll through the codes. The LCD displays the code for the current devices (for example, *10000*) and transmits your test function.
 10. If the TV responds to your test function (for example, **POWER**), press **OK**. The LCD displays *SUCCESS*.
- NOTE:** The remote transmits the test key you pressed in step 8 every time the ▲ or ▼ key is pressed. If desired, within each code, any function key except the arrows, **OK**, and **EXIT** can be used for testing also.
11. The LCD displays *EDIT TEXT*. This option allows you to change the default display for this mode from the code of the device (for example, 10000) to a personalized display (for example, My TV). Press **OK** to edit text, or press ◀ to exit without text editing. See steps 4-5 of “Using Text Edit” on page 25.
 12. To search for other device codes, repeat steps 1 to 12, substituting the appropriate device key.

USING MY SYSTEM MODE

The **RadioShack** 8-in-1 LCD Remote includes a custom Home Theater mode. After the **My System** key is programmed, it will allow you to access four groups of remote control keys without having to change device modes.

Control Organization

About Control Groups

For Home Theater programming, the remote control's keys are grouped by type of control into the following four control groups:

Playback Group:	Transport Controls (Rewind , Play , Fast Forward , Stop , Pause , Record , Skip Forward , and Skip Back)
Audio Group:	VOL▲ , VOL▼ , and MUTE
Channel Group:	CH▲ , CH▼ , TV/VCR , Keypad (0 – 9) , FAV Scan , ENTER , LAST , SLEEP , and INFO
Menu Group:	Cursor Controls (Up, Down, Left, and Right) , SELECT , PAGE+ , PAGE- , MENU , INFO , GUIDE , and EXIT

About Device Modes

Moreover, the above Control Groups can be used in all modes.


Factory Default Settings

At the factory, the Control Groups are assigned the following modes as default settings:

Playback Group:	VCR
Audio Group:	TV
Channel Group:	CBL
Menu Group:	CBL

If the default settings fit your needs, you can skip programming this mode. Otherwise, perform the steps in the following section to assign device modes to the Control Groups.

PROGRAMMING MY SYSTEM MODE

1. Press and hold **P** until the LCD displays *CODE SET OK OR* ▲ ▼. Use the ▲ ▼ keys to scroll through the LCD until *MY SYSTEM OK OR* ◀ ▲ ▼ is displayed. Press **OK**. 
2. The LCD displays *CHANNEL OK OR* ◀. Press **OK**.
3. The LCD displays *PRESS MODE OR* ◀.
4. Press the mode key for the device you want to control the channel (for example, **TV**). The LCD displays *SUCCESS TV*.
5. The LCD displays *VOLUME OK OR* ◀. Press **OK**. Press the mode key for the device that you want to control volume (for example, **AUDIO**). The LCD displays *SUCCESS*.
6. The LCD displays *TRANSPORT OK OR* ◀. Press **OK**.
7. Press the mode key for the device you want to control transport (for example, **VCR**). The LCD displays *SUCCESS VCR*.
8. The LCD displays *MENU NAV OK OR* ◀. Press **OK**.
9. Press the mode key for the device you want to control menu navigation (for example, **CBL/SAT**). The LCD displays *SUCCESS SAT*.
10. When programming is complete, the LCD displays *COMPLETE* and exits the My System setup.

USING LEARNING

The **RadioShack** 8-in-1 LCD Remote includes a Learning feature so you can add functions that are unique to your home entertainment devices (e.g., VCR Tracking Up or Down). However, there are some considerations.


Learning Precautions

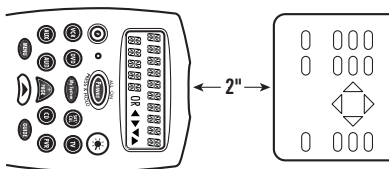
- Your original remote controls must be in working order for learning to work properly.
- Learned keys are mode-specific, so each one can store a unique function for each mode.
- Learning capacity is approximately 34 to 50 keys, depending on the code being learned.
- Some keys cannot be learned: Mode keys (for example, **TV**), **P**, and the **Light bulb** key.
- Certain device functions are not learnable, including multi-frequency types, some high frequency ones, and other unusual formats.

- For optimum learning, avoid high levels of ambient light such as natural sunlight or energy-efficient fluorescent lights.

NOTE: Please have your original remote controls handy before programming learning.

Programming a Learned Key

1. Press and hold **P** until the LCD displays *CODE SET OK OR* ▲ ▼. Use the ▲ ▼ keys to scroll through the LCD display until *LEARN* is displayed. Press **OK**. 
2. The LCD displays *ADD LEARN OK OR* ◀. Press **OK**.
3. The LCD displays *PRESS MODE OR* ◀.
4. Press a mode key once (i.e., **TV**, **VCR**, **PVR**, **CBL/SAT**, **CD**, **DVD**, **AUX**, or **AUDIO**) to assign a mode to learn onto.
5. Place the **RadioShack** 8-in-1 LCD Remote head-to-head (about 2" apart) from your original remote control. Also locate the key (on your original remote control) that you want the **RadioShack** 8-in-1 LCD Remote to learn.




6. Press the key on your **RadioShack** 8-in-1 LCD Remote that wish to assign learning.
7. On the original remote, press and hold the key. Continue holding the key on the original remote until the **RadioShack** 8-in-1 LCD Remote's LCD displays either *SUCCESS* or *LEARN FAIL*.

NOTE: Immediately after you have pressed the key that will learn, the LED flashes rapidly and the LCD displays *LEARNING*. The remote times out after five seconds and returns to step 6.

8. Repeat steps 4 through 7 for another mode and/or key or press **EXIT** to exit programming. Repeat steps 5 through 7 if learning failed.


Deleting a Single Learning Key

This process returns the key to its original programming for the mode you select. You can also delete learned programming by teaching a different function to the key (see "Programming a Learned Key" on page 17).

1. Press and hold **P** until the LCD displays *CODE SET OK OR* ▲ ▼. Use the ▲ ▼ keys to scroll through the LCD display until *LEARN* is displayed. Press **OK**. 
2. Use the ▲ ▼ keys to scroll through the LCD display until *DEL LEARN* is displayed. Press **OK**.

3. The LCD displays *PRESS MODE OR* ◀.
4. Press the mode key once (i.e., **TV**, **VCR**, **PVR**, **CBL/SAT**, **CD**, **DVD**, **AUX**, or **AUDIO**) for the mode you want to delete the learned key from.
5. The LCD displays *DLT KEY OR* ◀▲ ▼. Press **OK**.
6. The LCD displays *SELECT KEY OR* ◀.
7. Press the key containing the learned function to be deleted. The LCD displays *ARE U SURE OK OR* ◀.
8. Press **OK**. The LCD displays *SUCCESS*.
9. Repeat steps 5 through 7 for another key.

Deleting All Learned Keys in a Specific Mode


1. Press and hold **P** until the LCD displays *CODE SET OK OR* ▲ ▼. Use the ▲ ▼ keys to scroll through the LCD display until *LEARN* is displayed. Press **OK**. 
2. Use the ▲ ▼ keys to scroll through the LCD display until *DLT LEARN* is displayed. Press **OK**.
3. The LCD displays *PRESS MODE OR* ◀.
4. Press the mode key once (i.e., **TV**, **VCR**, **PVR**, **CBL/SAT**, **CD**, **DVD**, **AUX**, or **AUDIO**), to clear all learned keys for that mode.
5. The LCD displays *DLT KEY*. Press ▲ ▼ until the LCD displays *DLT ALL*. Press **OK**.
6. The LCD displays *ARE U SURE OK OR* ◀. Press **OK**.
7. The LCD displays *SUCCESS* and exits programming.
8. Repeat steps 3 to 7 for another mode.

USING KEYMOVER

The *RadioShack* 8-in-1 LCD Remote includes a *Keymover* feature that allows you to map (or copy) keys from one mode (i.e., source mode) to another mode (i.e., destination mode).

PROGRAMMING KEYMOVER


For example, if your DVD player does not have volume control, you can map those keys (i.e., **VOL▲**, **VOL▼**, and **MUTE**) from the TV mode to DVD mode as follows:

1. Press and hold **P** until the LCD displays *CODE SET OK OR* ▲ ▼. The remote is now in the programming mode. 
2. Use the ▲ or ▼ keys to scroll through the LCD display until *KEY MOVER* is displayed. Press **OK**.
3. The LCD displays *MOVE KEY*. Press **OK**.
4. The LCD displays *PRESS FROM MODE*.
5. For the source mode, press a desired device key once (i.e., **AUX**, **CBL/SAT**, **CD**, **TV**, **DVD**, **AUDIO**, **VCR**, or **PVR**). For this example, press **TV** once.
6. The LCD displays *PRESS FROM KEY*. For the source key, press a key to be moved once. For this example press **VOL▲** once.


7. The LCD displays *PRESS TO MODE*. For the destination mode, press a desired device key once (i.e., **AUX**, **CBL/SAT**, **CD**, **TV**, **DVD**, **AUDIO**, **VCR**, or **PVR**). For this example, press **DVD** once.
8. The LCD displays *PRESS TO KEY*. For the destination key, press a key to be moved once. For this example press **VOL▲** once. Upon keymoving, the LCD displays *SUCCESS*.
9. Repeat steps 3 to 8 to move additional keys. For this example, repeat steps 3 to 8 two more times to map the remaining volume control keys, substituting **VOL▼** and **MUTE** as source and destination keys in steps 6 and 7.

Upon completion of the above procedure, you can now use your **RadioShack** 8-in-1 LCD Remote to control the TV's volume and mute in the DVD mode, as well as in the TV mode.

Restoring a Single Key mover Key

1. Press and hold **P** until the LCD displays *CODE SET*. 
2. Use the **▲** or **▼** keys to scroll through the LCD display until *KEY MOVER* is displayed. Press **OK**.
3. The LCD displays *MOVE KEY*.
4. Use the **▲** or **▼** keys to scroll to *CLEAR MOVE* and press **OK**.
5. The LCD displays *PRESS FROM MODE*.
6. Press the source mode once where the keymoved key is stored.
7. The LCD displays *PRESS FROM KEY*. Then press the source key once. Upon key restoration, the LCD displays *SUCCESS*.
8. If desired, repeat steps 4 through 6 to restore another key.


Restoring All Key mover Keys in a Single Mode

1. Press and hold **P** until the LCD displays *CODE SET*. 
2. Use the **▲** or **▼** keys to scroll through the screen until *KEYMOVER* is displayed. Press **OK**.
3. Use the **▲** or **▼** keys to scroll to *CLEAR ALL*. Press **OK**.
4. The LCD displays *PRESS MODE OR ◀*. Press the mode you want to delete all keymoved keys from.
5. The LCD displays *Are U Sure*. Press **OK**.
6. The LCD displays *SUCCESS* and exits.

PROGRAMMING FAVORITE CHANNEL SCAN

The remote allows you to store a list of up to 10 favorite channels, in any order, that are immediately scanned when you press **FAV (SCAN)**.

NOTE: You can only store channels from one device for Favorite Channel Scan.

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*. 
2. Use the use the **▲** or **▼** keys to scroll through the LCD display until *FAV CH* is displayed. Press **OK**.
3. The LCD displays *SELECT MODE OR ◀*.
4. Select the mode you want to program for Favorite Channel Scan (for example, **TV**).
5. The LCD displays *1ST FAV OK OR ◀*. Press **OK**.
6. The LCD displays *ENTER CHAN OK OR ◀*. Enter a channel number (for example, **039**). Press **OK**.

NOTE: If you press **◀** after programming your first Favorite Channel, the remote saves the last Favorite Channel selection and exits back to the main Favorite Channel screen.

7. The LCD displays *2ND FAV CH OK OR ◀*. Press **OK**. Enter the next channel number (for example, **055**). Press **OK**.
8. Continue entering channel numbers until you get up to 10 channels programmed.
9. As soon as you enter the 10th channel, the LCD displays *SUCCESS* and exits (if you decide you need fewer than 10 channels, then press **EXIT** or **◀**).

NOTE: Whenever you want to add or replace one or more favorite channels, all previously entered favorite channels are cleared.

USING CHANNEL SCAN


Use **FAV (SCAN)** to start a three-second scan of all favorite channels (if programmed; see “Programming Favorite Channel Scan” on page 20) or all channels (if Favorite Channel Scan is not programmed).

1. Press a device key.
2. Press **SCAN** once.
3. To stop scanning channels at any time, press any key once.

SETTING THE POWER MACRO

You can use your new **RadioShack** 8-in-1 LCD Remote to program a power macro that turns your devices off or on in the sequence you choose.

To set the Power macro:

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*. 
2. Use the **▲** or **▼** keys to scroll through the LCD display until *MACRO* is displayed. Press **OK**.
3. The LCD displays *PLUR MACRO*. Press **OK**.
4. The LCD displays *ADD MACRO*. Press **OK**. The LCD displays *PRESS MODE IN OR ▲ ▼*.
5. Press the mode key for each device you want to add to the power macro in the order they should execute when the macro is activated.
6. The LCD displays *HOLD P TO SAVE OR ◀* after the first mode key is pressed.
7. After entering the modes, press and hold **P** until the LED blinks twice, then release. The LCD displays *SUCCESS*.

Now, when you press and hold the **Power** key for about 2 seconds, the remote executes the series of commands you entered.

NOTE: You may not include the user keys in the Power macro. User keys are any key other than the mode keys.

To Clear the Power Macro


To clear the Power macro, repeat steps 1-3 above, then perform the following steps:

1. The LCD displays *ADD MACRO*.
2. Press **▲ ▼** until the LCD displays *DLT MACRO*. Press **OK**.
3. The LCD displays *ARE U SURE OK OR ◀*. Press **OK**. The LCD displays *SUCCESS* and the remote exits.

SETTING KEY MACROS

Your **RadioShack** 8-in-1 LCD Remote allows you to set up key macros to activate certain keys in a specific order. For example, you can set up a key macro to change the channels on your TV, raise or lower the volume, and start recording on your VCR, all with the touch of one key. The M1, M2, and M3 keys are reserved for macros.

To set a key macro, perform the following steps:


1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*. 
2. Use the **▲** or **▼** keys to scroll through the LCD display until *MACRO* is displayed. Press **OK**.
3. The LCD displays *PLUR MACRO*. Press **▼** until the LCD displays *KEY MACRO OK OR ◀▲ ▼*. Press **OK**.
4. The LCD displays *ADD MACRO*. Press **OK**.
5. The LCD displays *SEL MACRO KEY OR ◀*. Press the key you want to program the macro on.

NOTE: Any function key like **M1**, **M2**, or **M3**, other than **EXIT** or **◀** can be a macro key.

6. The LCD displays **PRESS KEYS IN**. When you press ▼ you can continue reading instructions. Press the keys for the macro in the order they should occur. For example, press **TV** and then **Chan ▲**.
7. When you have finished programming your key macro, press and hold **P** until the LCD displays **SUCCESS** and exits.

DELETING A KEY MACRO

To delete a key macro, perform the following steps:

1. Press and hold **P** until the LCD displays **CODE SET OK OR ▲ ▼**.
2. Use the ▲ or ▼ keys to scroll through the LCD display until **MACRO** is displayed. Press **OK**. 
3. The LCD displays **PWR MACRO**. Press ▲ ▼ until the LCD displays **KEY MACRO**. Press **OK**.
4. Press ▼. The LCD displays **DLT MACRO**. Press **OK**.
5. The LCD displays **PRESS THE KEY** or ◀. Press the key for the macro you want to delete.
6. The LCD displays **ARE U SURE**. Press **OK**.
7. The LCD displays **SUCCESS** and exits.


SETTING TIME MACROS

Your **RadioShack** 8-in-1 LCD Remote allows you to set up time macros to schedule certain commands in advance, either daily or weekly. For example, you could set up the remote to record a certain program for you on a daily or weekly basis.

NOTE: If you have not yet set the time, the LCD displays **SET CLOCK** and the remote returns to the main setup screen. See “Setting the Clock” on page 10.

Setting a Daily Time Macro

To set up a daily time macro, perform the following steps:

1. Press and hold **P** until the LCD displays **CODE SET OK OR ▲ ▼**. 
2. Use the ▲ or ▼ keys to scroll through the LCD display until **MACRO** is displayed. Press **OK**.
3. Use the ▲ or ▼ keys to scroll through the LCD display until **TIME MACRO** is displayed. Press **OK**.
4. The LCD displays **ADD MACRO**. Press **OK**.
5. The LCD displays **ENTER TIME**. Press **OK**. The LCD displays the time of the current macro set, if any.
6. Set the time for your macro using the same procedure as for setting the clock. See “Setting the Clock” on page 10. Press **OK** after setting the clock.
7. The LCD displays **DAILY OK OR ◀▲ ▼**. Press **OK**.

8. The LCD displays *PRESS KEYS IN*. When you press ▼ you can continue reading instructions. Press keys in the order they should occur in your time macro.
9. After the first key press, the LCD displays *HOLD P TO SAVE*. Press and hold **P** until the LCD displays *SUCCESS* and exits.

Setting a Weekly Time Macro

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*.
2. Use the ▲ or ▼ keys to scroll through the LCD display until *MACRO* is displayed. Press **OK**.
3. Use the ▲ or ▼ keys to scroll through the LCD display until *TIME MACRO* is displayed. Press **OK**.



NOTE: If you have not yet set the time, the LCD will display Set Clock and the remote will return to the main setup screen. See “Setting the Clock” on page 10.

4. The LCD displays *ADD MACRO OK OR ◀▲ ▼*. Press **OK**.
5. The LCD displays *ENTER TIME*. Press **OK**. The LCD displays the time of the current macro set, if any.
6. Set the time for your macro using the same procedure as for setting the clock. See “Setting the Clock” on page 10.
7. The LCD displays *DAILY OK OR ◀▲ ▼*. Press ▼.
8. The LCD displays *WEEKLY OK OR ◀▲ ▼*. Press **OK**.
9. The LCD displays *SUNDAY*. Use the ▲ ▼ keys to select the day you want the time macro to execute. Press **OK**.
10. The LCD displays *PRESS KEYS IN*. When you press ▼ you can continue reading instructions. Press keys in the order they should occur in your macro.
11. After you have completed your macro sequence, press and hold **P** until the LCD displays *SUCCESS* and exits.

Deleting a Time Macro

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*.
2. Use the ▲ or ▼ keys to scroll through the LCD display until *MACRO* is displayed. Press **OK**.
3. Use the ▲ or ▼ keys to scroll through the LCD display until *TIME MACRO* is displayed. Press **OK**.
4. The LCD displays *ADD MACRO OK OR ◀▲ ▼*. Press ▼.
5. The LCD displays *DLT MACRO OR ◀▲ ▼*. Press **OK**.
6. The LCD displays the currently set time macro. Press **OK**.




7. The LCD displays *ARE U SURE OK OR* ◀. Press **OK**.
The LCD displays *SUCCESS* and the remote exits.

CHANGING VOLUME LOCK


The **RadioShack** 8-in-1 LCD Remote comes preset to allow independent volume control of each selected device (Global Volume Unlock). However, you may change the Volume Lock setting to Global Volume Lock so that one device's volume controls volume in all other modes. After that, you can perform Individual Volume Unlock on a selected device to set its volume control for independent operation.

Locking Volume Control to One Mode (Global Volume Lock)

1. Press and hold **P** until the LCD displays *CODE SET OK OR* ▲ ▼. 
2. Use the ▲ or ▼ keys to scroll through the LCD display until *VOL LOCK* is displayed. Press **OK**.
3. The LCD displays *ALL VOLUME OK OR* ◀. Press **OK**.
4. The LCD displays *PRESS MODE OR* ◀. Press the mode key for the device you wish to control volume (for example, **TV**). The LCD displays *SUCCESS* and shows the device that has been locked to control volume (for example, *TV*).

Now when you press **VOL+**, **VOL-**, or **MUTE**, the selected device (for example, **TV**) controls the volume regardless of the current mode.

Unlocking Volume Control for a Single Device (Individual Volume Unlock)

1. Press and hold **P** until the LCD displays *CODE SET OK OR* ▲ ▼. 
2. Use the ▲ or ▼ keys to scroll through the LCD display until *VOL LOCK* is displayed. Press **OK**.
3. Use the use the ▲ or ▼ keys to scroll through the LCD display until *UNLOCK DEV* is displayed. Press **OK**.
4. The LCD displays *PRESS DEV OR* ◀. Press the mode key for the device you want to unlock, for example, **AUDIO**).
5. The LCD displays *SUCCESS* and shows the device whose volume has been unlocked (for example, *AUDIO*).
6. Repeat Steps 3 to 5 for any other devices that you want to have independent volume control.

Unlocking All Volume Control (Restoring Global Unlock)

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*.
2. Use the **▲** or **▼** keys to scroll through the LCD display until *VOL LOCK* is displayed. Press **OK**.
3. Use the **▲** or **▼** keys to scroll through the LCD display until *UNLOCK ALL* is displayed. Press **OK**.
4. The LCD displays *ARE YOU SURE OR ◀*. Press **OK**.
5. The LCD displays *SUCCESS* and the remote exits.



USING TEXT EDIT

Your *RadioShack* 8-in-1 LCD Remote allows you to edit the top line of your LCD screen to add custom information. For example, you can change a default mode label from **TV** to **My TV**.

NOTE: A maximum of 10 characters is allowed for Text Edit on the first line.

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*.
2. Use the **▲** or **▼** keys to scroll through the LCD display until *TEXT EDIT OK OR ◀▲ ▼* is displayed. Press **OK**.
3. The LCD displays *PRESS MODE OR ◀*. Press the mode key whose text you want to edit (for example, **TV**).
4. Using your number keys like the key pad on a cell phone, edit the text. The character you are currently editing will have a blinking cursor. When the first letter is set, press **▶** to advance to the next letter. Pressing the **◀** key exits back to the previous screen. Press the digit **0** to clear the current character flashing.
5. Press **OK** to save the edited text. The LCD displays *SUCCESS* and exits.



RESETTING THE REMOTE

Your *RadioShack* 8-in-1 LCD Remote allows you to reset your remote. Doing so clears all setup features not related to ID code setup (for example, macros, Key Mover, volume lock, etc.).

To Reset Your Remote:

1. Press and hold **P** until the LCD displays *CODE SET OK OR ▲ ▼*.
2. Use the **▲** or **▼** keys to scroll to *RESET*. Press **OK**.
3. The LCD displays *USER RESET OK OR ◀*. Press **OK**.
4. The LCD displays *ARE U SURE*. Press **OK**.
5. The LCD displays *SUCCESS* and exits.



TROUBLESHOOTING

PROBLEM: LED does not blink when you press a key.

SOLUTION: Replace batteries with four (4) new AAA alkaline batteries.

PROBLEM: LED blinks when you press a key, but device does not respond.

SOLUTION: Make sure the remote is aimed at your device and is not more than 15 feet away.

PROBLEM: LED blinks one long blink.

SOLUTION: An entry error has occurred (for example, wrong key). Try entry sequence again.

PROBLEM: Remote does not control devices or commands are not working properly.

SOLUTION: Try all listed codes for the device. Make sure the device operates with an infrared remote control.

PROBLEM: No volume on a second TV.

SOLUTION: See Changing Volume Lock.

PROBLEM: Channels do not change properly.

SOLUTION: If the original remote control required you to press Enter to change channels, press Enter on this remote after entering the channel number.

Call 1-866-950-6540 for further assistance.

SPECIFICATIONS

Power(4) AAA Batteries

Size (H x W x D) 9.7 x 2.7 x 1.4 in.
(245 x 68 x 35 mm)

Weight (w/o batteries)6.6 oz. (205 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without any notice.

RF EMISSIONS INFORMATION

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by

turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

This equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

This Class [*] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la class [*] est conforme à la norme ENB-003 du Canada.

MANUFACTURER'S CODES

Setup Codes for TVs

Códigos de configuración para TV

A-Mark	10047, 10054, 10003, 10020, 10032, 10039, 10165
Abex	10032
Accurian	11803
Accuscan	10047, 10018, 10135
Action	10030, 10003, 10019, 10052, 10185
Admiral	10047, 10054, 10017, 10051, 10093, 10463, 10180, 10016, 10018, 10165, 10179
Advantz	10282
Advent	10761, 10783, 10815, 10817, 10842
Adventuri	10000
Adyson	10032
Agna	10150
Aiko	10092
Aiwa	10032
Akai	11675, 11676, 10060, 10812, 10702, 10030, 10145, 10038, 10056, 10151, 10672
Alaron	10170, 10179
Alba	10032, 10038, 10218
Albatron	10700
Alfide	10672
Alleron	10030, 10170
Ambassador	10150, 10177
America Action	10180
American High	10000, 10060
Ampro	10751
Amstrad	10171, 10039, 10177
Amtron	10000, 10180
Anam	10180
Anam National	10055
AOC	10180, 10030, 10003, 10019, 10032, 10038, 10039, 10052, 10185

Apex Digital	10156, 10748, 10879, 10765, 10185, 10767
Archer	10003
Asuka	10218
Audinac	10180
Audio-Technica	10019
Audiovox	10451, 10180, 10092, 10003, 10179, 10623, 10710, 10802, 10875, 11937
Aventura	10171
Axion	11937
Basic Line	10218
Baycrest	10032, 10186
Baysonic	10180
Beaumark	10017, 10178, 10030, 10019, 10179
Belcor	10030, 10019
Bell & Howell	10054, 10154, 10093, 10016, 10179
BenQ	11756
Boxlight	10893
Bradford	10180
Brick	10039
Brockwood	10178, 10030, 10019, 10056
Broksonic	10236, 10463, 10180, 10003, 10039, 10177, 11911
Candle	10030, 10039, 10056, 10186
Capehart	10017, 10178, 10030, 10092, 10003, 10019, 10032, 10052
Carnivale	10030
Carver	10054, 10170
Celebrity	10000
Celera	10765
Changhong	10156, 10765, 10767, 10783
Cinego	11986
Cineral	10451, 10092
Citek	10047, 10032
Citizen	10054, 10000, 10451, 10463, 10180, 10060, 10030, 10171, 10092, 10020, 10032, 10039, 10019, 10056, 10186, 10280, 10282, 10016, 10003

Civet	10185
Clairtone	10185
Clarion	10180
Classic	10030, 10092, 10019, 10056
Colortyme	10047, 10054, 10017, 10060, 10178, 10030, 10018, 10019, 10032
Colt	10019
Commercial Solutions	11447, 10047
Concerto	10056
Conic	10178
Contec	10180, 10185
Craig	10180, 10171, 10179, 10282
Crosley	10054, 10000, 10180, 10030, 10171, 10096, 10187
Crown	10093, 10180, 10039, 10056, 10672
Crown Mustang	10672
Curtis Mathes	10047, 10054, 10154, 10000, 10051, 10451, 10093, 10180, 10060, 10702, 10178, 10030, 10145, 10166, 11347, 11147, 10747, 10466, 10016, 10179, 10018, 10019, 10056, 10032, 10038, 10039
CXC	10180
Daewoo	10451, 10178, 10092, 11661, 10019, 10020, 10039, 10623, 10661, 10672, 11755, 11756
Dayton	10092
Daytron	10178, 10030, 10092, 10019, 10032, 10039, 10056
Dell	11454, 11080, 11178
Denon	10145, 10038, 10055, 10511
Denstar	10628
Dumont	10017, 10180, 10178, 10016, 10019, 10032
Durabrand	10463, 10180, 10178, 10171, 11034, 11463, 10003
Dwin	10093, 10747, 10774
Eaton	10060
Electroband	10000, 10185

Electrograph	11755
Electrohome	10154, 10000, 10150, 10178, 10030, 10019, 10032, 10039, 10056, 10151, 10185, 10409
Elektra	10017, 11661
Elite	10218
Emerald	10178, 10177
Emerson	10047, 10154, 10451, 10236, 10463, 10180, 10150, 10178, 10171, 11913, 11911, 10623, 10282, 10280, 10185, 10179, 10177, 10170, 10146, 10135, 10039, 10038, 10032, 10019
Envision	10030, 10019, 10032, 10039, 10813
Epson	10833, 10840
ESA	10812, 10171
Fisher	10054, 10154, 10000, 10159
FlexVision	10710
Fortress	10093
Fujitsu	10179, 10186, 10683, 10809, 10853
Funai	10000, 10180, 10171, 10039, 10179, 11904
Futuretech	10180
Gateway	11755, 11756
GE	11447, 10047, 10000, 10051, 10451, 10060, 10178, 10030, 10038, 10052, 10055, 10135, 10282, 10021, 10747, 11147, 11347, 10018, 11922
Gemini	10047
Gibraltar	10017, 10000, 10030, 10019
Go Video	10886
Go Vision	11937
GoldStar	10047, 10054, 10178, 10030, 10018, 10019, 10032, 10039, 10056, 10409, 11154
Goodmans	10360
GPX	10179
Gradiente	10053, 10056, 10170

Gran Prix	10179
Granada	10032
Grundig	10706, 10672, 10683
Grundy	10180, 10179
Grunpy	10180, 10179
Haier	11034
Hallmark	10236, 10180, 10178, 10019, 10135, 10179, 10187
Hannspree	11348
Harley Davidson	10000, 10180, 10060, 10178, 10030, 10019, 10179, 11904
Harman/Kardon	10054
Harvard	10180
Havermy	10093
Heathkit	10017
Helios	10865
Hello Kitty	10451
Hikone	10218
Himitsu	10180, 10628, 10779
Hisense	10748
Hitachi	10047, 10054, 10017, 10000, 10051, 11145, 10145, 10018, 10032, 10038, 10039, 10016, 10055, 10056, 10151, 10179, 10185, 10409, 11904
Hyundai	10849, 10865
Ima	10236, 10180, 10178, 10179
Infinity	10054
Insignia	10171
Inteq	10017, 10145
JBL	10054
JCB	10000
Jensen	10761, 10815, 10817
JIL	10030, 10019
Jutan	10030, 10019
JVC	10054, 10053, 10030, 10055, 10731, 11253
Kamp	10017, 10180, 10019, 10185
Kawasho	10030, 10019, 10185
Kaypani	10052
KEC	10180, 10060

Kenmore	10146
Kenwood	10180, 10030, 10019
KLH	10156, 10180, 10765, 10767
Kloss	10030, 10024
KMC	10003, 10032
Konka	10180, 10080, 10218, 10628, 10707
KTV	10463, 10180, 10030, 10039, 10185, 10280
Lark	10154
LG	10054, 11265, 10060, 10178, 10030, 10019, 10056, 10442, 10700, 10856, 11154, 11178
Lloyd's	10236, 10180, 10030, 10032, 10039, 10056, 10179, 11904
Loewe	10136
Logik	10236, 10180, 10016, 10056, 10179
Luxman	10056
LXI	10047, 10054, 10017, 10154, 10000, 10156, 10051, 10093, 10060, 10053, 10178, 10030, 10171, 10166, 10135, 10146, 10159, 10165, 10179, 10280, 10747, 10096, 10056, 10055, 10039, 10038, 10032, 10024, 10021, 10020, 10019, 10018, 10016
Macy	10039, 10186
Magnasonic	10054, 10000, 10156, 10093, 10030, 10092, 10003, 10019, 10056, 10179, 11913
Magnavox	10047, 11454, 10054, 10154, 10000, 10250, 10051, 10180, 10060, 10030, 10171, 10092, 10706, 11755, 11254, 11904, 10802, 11913, 10386, 10282, 10187, 10186, 10179, 10096, 10024, 10020, 10019
Majestic	10017, 10016

Marantz	11454, 10054, 10030, 10704, 10855, 11154
Matsui	10039, 10056, 10177
Matsushita	10250, 10051, 10650
Maxent	11755, 11756
Megapower	10700
Megatron	10047, 10178, 10145, 10003, 10056, 10151
MEI	10185
Memorex	10154, 10463, 10180, 10150, 10178, 10030, 10016, 10032, 10039, 10056, 10165, 10179, 11911, 11920, 11924, 11927
MGA	10150, 10178, 10030, 10019
MGN Technology	10178
Micro Genius	10150
Midland	10047, 10017, 10051, 10018, 10019, 10032, 10039, 10056, 10135, 10747
Minutz	10021
Mitsubishi	10154, 10093, 11250, 10150, 10178, 10030, 10019, 10836, 10868
Monivision	10700
Motorola	10054, 10051, 10093, 10150, 10055
MTC	10180, 10060, 10030, 10092, 10019, 10032, 10039, 10056, 10185, 10282
Multitech	10180, 10179
NAD	10156, 10178, 10166, 10019, 10056, 10866
NEC	10047, 10178, 10030, 10016, 10019, 10056, 10170, 10497, 10704, 10882, 11704
NetTV	11755
New Tech	10056
Nikko	10178, 10030, 10092
Nikkodo	10178, 10030, 10092
Nishi	10030, 10018
Norcent	10748, 10824
Noshi	10018
NTC	10092

Nyon	10000
Olevia	11331
Onwa	10180
Optimus	10154, 10250, 10093, 10180, 10150, 10178, 10030, 10166, 11927, 11924, 11913, 10650, 10165, 10056, 10039, 10032, 10016
Optoma	11348
Optonica	10093, 10165
Orion	10017, 10236, 10463, 10180, 10178, 11463, 10019, 10177, 10179, 11911
Pace	10092, 10019
Palsonic	10779
Panasonic	10054, 10000, 10156, 10250, 10051, 10236, 10030, 10018, 10024, 10052, 10055, 10650, 11310, 11410, 11924, 11927
Panda	10706
Pausa	10179
Paxonic	10060, 10030, 10019, 10032, 10039
PCE	10156, 10060, 10179
Penney	10047, 10000, 10156, 10250, 10051, 10060, 10178, 10030, 11347, 10747, 10159, 10135, 10056, 10039, 10038, 10032, 10021, 10019, 10018, 10016, 10003
Philco	10054, 10463, 10030, 10145, 10019, 10020, 10024, 10038, 10096, 10179, 10186, 10187, 10786, 11029
Philips	11454, 10054, 10030, 10171, 10056, 10096, 10186, 10187, 10690, 11154, 11254
Pilot	10051, 10060, 10178, 10030, 10019, 10039, 10052, 10056
Pioneer	10166, 10038, 10055, 10679, 10866

Polaroid	10765, 10865
Portland	10451, 10092, 10003, 10019, 10032, 10039
Precision	10236, 10180, 10177, 10185, 10282
Prima	10761, 10783, 10815, 10817
Princeton	10700, 10717
Prism	10250, 10051, 10055
Proscan	11447, 10047, 10018, 10135, 10466, 10747, 11347, 11922
Proton	10178, 10003, 10039, 10052, 10466
Pulsar	10017, 10092, 10016, 10019
Pulser	10178, 10092, 10019
Quartz	10150, 10178
Quasar	10250, 10051, 10016, 10024, 10055, 10165, 10650, 11924
Rabbit	10047
RadioShack	10047, 10154, 10180, 10150, 10178, 10030, 10019, 10032, 10039, 10056, 10165, 10409, 10747, 11904, 11920
RCA	11447, 10047, 10054, 10000, 10051, 10093, 10178, 11948, 11922, 11547, 10018, 11347, 11247, 11147, 11047, 10774, 10747, 10679, 10019, 10165, 10135, 10021, 10090, 10038
Realistic	10047, 10154, 10180, 10150, 10178, 10030, 10003, 10016, 10019, 10032, 10039, 10056, 10165
Rhapsody	10185
Road Authority	10282
Runco	10017, 10060, 10030, 10016, 10497
Sampo	10047, 10030, 10032, 10039, 10052, 11755, 11756

Samsung	10047, 10054, 10017, 10154, 10060, 10812, 10702, 10178, 10030, 10039, 10032, 10055, 10056, 10019, 10482, 10766, 10814, 11060
Samsux	10038, 10039
Sanky	10060, 10030, 10019, 10038, 10039, 10280
Sansui	10463, 10060, 10030, 10019, 10165, 11904, 11911
Sanyo	10047, 10054, 10154, 10000, 10463, 10171, 10088, 10146, 10159, 10799, 10893, 11755
Saville	10060
Scimitsu	10019
Scotch	10178
Scott	10236, 10180, 10178, 10030, 10019, 10039, 10177, 10179, 11711
Sears	10047, 10054, 10017, 10154, 10000, 10156, 10051, 10093, 10060, 10053, 10178, 10030, 10171, 10166, 10146, 10159, 10165, 10179, 10280, 10747, 11904, 10135, 10096, 10056, 10055, 10039, 10038, 10032, 10024, 10021, 10020, 10019, 10018, 10016
Seimitsu	10019
Sharp	10054, 10093, 10180, 10019, 10032, 10039, 10165, 10179, 10386, 10491, 10688, 10689, 10818, 10851
Sheng Chia	10093
Shivaki	10178
Shogun	10019
Siemens	10145, 10032
Signature	10047, 10093, 10030, 10016, 10165, 10179, 10187
Silver	10019
Simpson	10178, 10030, 10186, 10187
Singer	10060, 10092

Solar Drape	10000, 10032
Sole	10813
Sony	10017, 10154, 11100, 10000, 10150, 10053, 10080, 10834, 11904
Soundesign	10180, 10178, 10019, 10056, 10179, 10186
Spectravision	10156, 10178, 10159, 10179, 10186
Spectricon	10003, 10032
Squareview	10171
SR2000	10154, 10171
SSS	10180, 10019
Standard Components	10218
Starlite	10236, 10180, 10019
Superscan	10093, 10864
Supre-Macy	10039, 10186
Supreme	10000
SV2000	10054
SVA	10748, 10865, 10870
Sylvania	10047, 10054, 10154, 10000, 10051, 10178, 10030, 10171, 10092, 11904, 10187, 10186, 10179, 10159, 10096, 10056, 10024, 10020
Symphonic	10000, 10180, 10178, 10171, 10179, 11904, 11913
Syntax	11331
Tandy	10093, 10039, 10165, 10218
Tatung	10000, 10051, 10003, 10038, 10055, 11756
Teac	10154, 10706, 10146, 10159, 10282, 10689
Technics	10054, 10250, 10051, 10055
Technol Ace	10179
Technovox	10030
Techwood	10250, 10051, 10060, 10003, 10055, 10056
Teknika	10054, 10463, 10180, 10150, 10060, 10178, 10092, 10016, 10019, 10032, 10039, 10056, 10179, 10186
Telecolor	10017

Telefunken	10702, 10056
Teleton	10186
Thomas	10047, 10178, 10019, 10039, 10056, 11904
Thomson	11447, 10047
TMK	10236, 10180, 10178, 10056, 10177
TNCi	10017
Tocom	10156
Tomashi	10282
Toshiba	10154, 11256, 10156, 10150, 11265, 10060, 11145, 10145, 10166, 10650, 10832, 10845, 11156, 11356, 11656, 11704
Tosonic	10185
Totevision	10051, 10039
Toyomenka	10178
Truetone	10250, 10051, 10055
TVS	10463
Uher	10019
Ultra	10092, 10019, 10039
Unitech	10039
Universal	10047, 10021, 10135
Universum	10032, 10146, 10170, 10177
V	10864, 10885, 11755, 11756
Vector Research	10030
Victor	10053
Vidikron	10054
Vidtech	10178, 10019
Viewsonic	10857, 10864, 10885, 11755
Viking	10060
Visio	10864, 10885, 11755, 11756
Vizio	10864, 10885, 11756
Wards	10047, 10054, 10017, 10154, 10000, 10051, 10093, 10236, 10178, 10030, 10166, 10187, 10186, 10179, 10866, 11156, 10165, 10151, 10096, 10080, 10056, 10039, 10038, 10021, 10020, 10019, 10018, 10016
Waycon	10156

Welton	10178, 10019
Westinghouse	10000, 10451, 10885, 10889
White Westinghouse	10451, 10236, 10463, 10179, 10623, 10889
World	10451, 10236, 10463, 10180
XR-1000	10154, 10180, 10171, 10016, 10096, 10179
Yamaha	10030, 10019, 10769, 10833, 10839
Yorx	10030
Zenith	10047, 10017, 10000, 10093, 10463, 11265, 10812, 10178, 10030, 11145, 10145, 10171, 10092, 11911, 11904, 10146, 10039, 10016
Zonda	10003, 10779

Setup Codes for Audio Amplifiers **Códigos de configuración para amplificadores de audio**

Bose	30674
Carver	30892
Curtis Mathes	30300
GoldStar	30031
Harman/Kardon	30892
JVC	30331
Left Coast	30892
Marantz	30892
Modulaire	30395
Optimus	30395, 30013, 30300, 30823
Philips	30892
Pioneer	30013, 30300, 30823
Polk Audio	30892
RadioShack	30395
RCA	30013, 30300, 30823
Realistic	30395, 30013, 30231
Sony	30689, 31126
Victor	30331
Wards	30013
Yamaha	30354, 30133

Setup Codes for Audio Accessories

Códigos de configuración para accesorios de audio

Accurian	31106
Aiwa	30010, 30159
Altec Lansing	30607, 31056, 31485
Apple	31115, 31644
Cambridge Soundworks	31530
Creative	30872
D-Link	31522
DLO	31218
Imerge	31491
Integra	31789
iPort	31917, 32042
Marantz	31491
Motorola	31464
NaviPod	31644
Netgear	31785
Omnifi	31605
Onkyo	31789
Optimus	31121
Philco	31348
Sonance	31917, 32042
Sony	30010, 30159
SSI	31522
Yamaha	31809, 31810

Setup Codes for Audio Receivers

Códigos de configuración para receptores de audio

ADC	30531
Admiral	30182
Aiwa	31405, 30121, 31388, 31641
Akai	30115, 30440
Alco	31390
AMC	31077
Anam	31609, 31074
Anam National	30609
Apex Digital	31257, 31430
Arcam	31189
Audiotronic	31189

Audiovox	31390, 31627
Bose	31229, 30639, 31253, 31933
Capetronic	30531, 30690
Carver	31189, 30042, 30121, 30360, 31289
Casio	30195
Clarinette	30195
Classic	31352
Clatronic	30797
Coby	31263, 31389
Criterion	31420
Curtis	30797, 31263
Curtis Mathes	30014, 30080
Daewoo	31250
Delphi	31414
Denon	31360, 30121, 31142, 31434
Emerson	30195, 30531
Fisher	30042, 30219, 30360, 30797, 31801
Garrard	30286, 30440, 30744
Gateway	31517
Glory Horse	31263
Go Video	31352, 31532
Goodmans	30797
GPX	30744
Hanwah	30741
Harman/Kardon	31289
Hitachi	31801
Initial	31426
Integra	30842, 31298
Jensen	30754
JVC	31058, 31263, 31374, 31495, 31811
Kansai	30440
Kawasaki	31390
Kenwood	31313, 31570, 31569, 30042, 30186, 30313, 30314
KLH	31390, 31412
Koss	30744, 31366, 31497
LG	31293
Liquid Video	31497

Lloyd's	30195
LXI	30181, 30744
Magnavox	31189, 31269, 30195, 30364, 30531, 31514
Marantz	31189, 31269, 31289
McIntosh	31289
Memorex	30335, 31024
Micromega	31189
Modulaire	30195
Myryad	31189
Nakamichi	31313
Nikko	30609
Norcent	31389
Nova	31389
NTDE Geniesom	30744
Onkyo	30842, 31298, 31531
Optimus	31023, 31074, 30849, 30803, 30801, 30797, 30754, 30744, 30738, 30690, 30670, 30622, 30531, 30440, 30286, 30229, 30219, 30195, 30186, 30182, 30181, 30178, 30177, 30163, 30121, 30115, 30080, 30042, 30025, 30014, 30001
Orient Power	30744
Oritron	31366, 31497
Panasonic	31308, 31518, 31288, 31316, 31548, 31633, 31763, 31764
Penney	30195, 30744
Philco	31390, 31562, 31838
Philips	31189, 31269
Pioneer	31023, 30014, 30080, 30531, 30801, 31122, 31123, 31384
Polaroid	31508
Polk Audio	31289, 31414
Proscan	31254
RadioShack	31609, 30181, 30744, 31263
RCA	31023, 31609, 31254, 30080, 30360, 30531, 31074, 31122, 31123, 31390, 31511

Realistic	31609, 30001, 30025, 30042, 30121, 30163, 30177, 30178, 30181, 30182, 30186, 30195, 30440, 30534, 30622, 30803
Saba	31519
Samsung	31295, 31500
Sansui	31189
Sanyo	30219, 30360, 30801, 31469, 31801
Schneider	30364
Scott	30163, 30418
Sears	30195
Sharp	30186, 31286
Sharper Image	30797, 31263
Sherwood	31077, 31517, 31653
Shinsonic	31426
Sirius	31627, 31811
Sonic Blue	31532
Sontec	30068
Sony	31058, 31441, 31258, 31759, 31622, 30415, 31406, 31558, 31658, 31758, 31858
Soundesign	30670
Stereophonics	31023
Sunfire	31313, 30313, 30314
Sylvania	30797
Symphonic	30182
Teac	30163, 31074, 31390, 31528
Technics	31308, 31518, 31633
Techwood	30364, 30609, 30690
Thorens	31189
Toshiba	30080, 30842, 31123
Venturer	30849, 31390
Waitec	31352
Wards	30014, 30042, 30080
Wharfedale	30440
XM	31406, 31414
Yamaha	31023, 30176, 30186, 31176, 31276, 31331, 31375
Yorx	30195
Zenith	30622, 30744, 31293

Setup Codes for Cable Set-top Boxes

Códigos de configuración para decodificadores de cable

A-Mark	00008, 00144
ABC	00237, 00003, 00008
Accuphase	00003
Acorn	00237
Action	00237
Active	00237
Aim	00015
Allegro	00153, 00315
Antronix	00022, 00207
Archer	00237, 00022, 00039, 00153, 00207, 00797
BCC	00276
Belcor	00022
Betavue	00022
British Telecom	00003
Cabletenna	00022, 00039
Cableview	00022
Century	00008, 00153, 00315
Citizen	00153, 00315
Clearmaster	00883
ClearMax	00883
Cool Box	00883
Coolmax	00883
Curtis Mathes	00015
Digeo	01187
Director	00476
Emerson	00015, 00303, 00797
Everquest	00015
Fosgate	00276
Garrard	00153
GC Electronics	00207
GE	00144, 00021
Gemini	00015, 00797
General Instrument	00476, 00810, 00276, 00003, 00012, 00015
Gibralter	00003
GMI	00883
GoldStar	00144

Goodmind	00797
Hamlin	00015
Hitachi	00003, 00008
Insight	00476, 00810
Jasco	00015, 00153, 00315
Jerrold	00476, 00810, 00276, 00003, 00012, 00015
Magnavox	00797
Mellenium	00153
Memorex	00000
Mitsubishi	00003
Motorola	01376, 00476, 00810, 00276, 01187, 01106
Multitech	00883
MultiVision	00012
Nova Vision	00008
Novaplex	00008
NSC	00012, 00022
Oak	00303
Optimus	00021
Pace	01877, 00877, 00237, 00008
Panasonic	00000, 00008, 00144, 00107, 00021
Paragon	00000, 00008, 00525
Penney	00000
Philips	01305, 00317, 00153
Pioneer	01877, 00877, 00144, 00533
Prism	00012
Pulsar	00000
Quasar	00000
RadioShack	00015, 00153, 00303, 00315, 00797, 00883
RCA	00021, 00797
Realistic	00153, 00207
Recoton	00153
Regal	00276
Rembrandt	00022, 00153
Runco	00000
Samsung	00003, 00144
Scientific Atlanta	01877, 00877, 00477, 00237, 00003, 00000, 00008, 00012, 00021

Signal	00015
Sony	01006
Sprucer	00144, 00021
Starcom	00003, 00015
Stargate	00015, 00797
Starquest	00015
Supercable	00276
Supermax	00883
Tandy	00258
Time Warner cable	01877
Tocom	00012
Torx	00003
Toshiba	00000
Tristar	00883
Tusa	00015
Uniden	00022
Unika	00022, 00153, 00207
United Cable	00276, 00003
Universal	00022, 00039, 00153, 00207, 00315
US Electronics	00276, 00003, 00008
V2	00883
Videoway	00000
Viewmaster	00883
Viewstar	00258
Vision	00883
Vortex View	00883
Zenith	00000, 00525, 00039, 00153, 00315

Setup Codes for Cable/PVR Combos

Códigos de configuración para combinados Cable/PVR

Digeo	01187
General Instrument	00810
Jerrold	00810
Motorola	01376, 00810, 01187, 01106
Pace	01877, 00237
Pioneer	01877, 00877
Scientific Atlanta	01877, 00877
Sony	01006
Supercable	00276

Setup Codes for CD Players

Códigos de configuración para reproductores de CD

Acoustic Research	30420
Adcom	30155
Admiral	30305
Aiwa	30157
Arcam	30157
Audio Alchemy	30194
Audio Pro	30437
Audio Research	30157
BSR	30194
Burmester	30420
Cairn	30157
California Audio Labs	30029
Cambridge Soundworks	30157
Carrera	30194
Carver	30157, 30179, 30437
Curtis Mathes	30032
DKK	30000
DMX Electronics	30157
Emerson	30155, 30164, 30305
Fisher	30000, 30179, 30342
Funai	30305
Garrard	30280, 30420
Genexxa	30032, 30164, 30305
Grundig	30157
Harman/Kardon	30100, 30157, 30426
Hitachi	30032, 30155
Inkel	30157, 30180, 30196
JVC	30032, 30072
Kenwood	30000, 30029, 30037
Krell	30157
Linn	30157
LXI	30179, 30305
Magnavox	30157, 30274, 30305
Marantz	30029, 30157, 30180
Matsui	30157
MCS	30029
Memorex	30000, 30032, 30155, 30175, 30179, 30194, 30196, 30420, 30426, 30437, 30468

Micromega	30157
Miro	30000
Mission	30157
Modulaire	30000, 30032, 30145, 30155, 30164, 30175, 30179, 30180, 30194, 30196, 30420, 30426, 30437, 30468, 30536
MTC	30420
Nikko	30164
Nikkodo	30164
NSM	30157
Optimus	31063, 30000, 30032, 30037, 31075, 30850, 30775, 30671, 30536, 30468, 30437, 30426, 30420, 30342, 30305, 30280, 30196, 30194, 30179, 30175, 30164, 30155, 30145
Panasonic	30029, 30388, 30752
Parasound	30194, 30420
Penney	30029
Philips	30157, 30274
Pioneer	31063, 31062, 30032, 31087, 30305, 30468
PMG	30164
Polk Audio	30157
Popular Mechanics	30164
Proceed	30420
Proton	30157
QED	30157
Quad	30157
Quasar	30029
RadioShack	30000, 30032, 31083, 31075, 30536, 30468, 30437, 30426, 30420, 30342, 30196, 30194, 30180, 30179, 30175, 30164, 30155
RCA	31062, 30032, 30053, 30155, 30179, 30305, 30420, 30468
Realistic	30000, 30032, 30671, 30536, 30468, 30453, 30452, 30437, 30426, 30420, 30305, 30196, 30194, 30180, 30179, 30175, 30164, 30155, 30145
Revox	30157
Rotel	30157, 30420

SAE	30157
Sansui	30000, 30157, 30305
Sanyo	30000, 30179
Scott	30155, 30164, 30305
Sears	30179, 30305
Sharp	30037, 30180
Sherwood	30180, 30196, 30426
Simaudio	30157
Sonic Frontiers	30157
Sony	30490, 30000, 30100, 31364, 30185
Soundesign	30145
Staron	30398
Sugden	30157
Sylvania	30157
Symphonic	30180, 30305
TAG McLaren	30157
Tandy	30032
Tascam	30420
Teac	30490, 30180, 30420
Technics	30029
Thule Audio	30157
Universum	30437
Vector Research	30194
Victor	30072
Wards	30032, 30157, 30053, 30179, 30559
Yamaha	30490, 30036
Yorx	30000
Zonda	30157

Setup Codes for DBS/PVR Combo Boxes

Códigos de configuración para los combinados DBS/PVR

Controlled by the Satellite

Controlados por satélite

DirecTV	01377, 00392, 00639, 01142, 01076, 00099, 01392, 01442, 01640
Dish Network System	01505, 00775
Dishpro	01505, 00775
Echostar	01505, 00775, 01170

Expressvu	00775
Hughes Network Systems	01142, 01442
JVC	01170
Motorola	00869
Philips	01142, 01442
Proscan	00392
RCA	01392
Samsung	01442
Sony	00639, 01640
Star Choice	00869

Controlled by the VCR

Controlados por el VCR

Hughes Network Systems	20739
Philips	20739
Samsung	20739

Setup Codes for DVD Players

Códigos de configuración para reproductores de DVD

3D LAB	20503, 20539
Accurian	20677, 20678, 20757, 20814, 20858, 21072, 21416, 21737
Aiwa	20641
Akai	20143, 20695, 20705, 20899
Alba	20672, 20717
Allegro	20869
Anam	21913
Apex Digital	20533, 20672, 20717, 20795, 20830, 21020, 21061
Arrgo	21023
Aspire Digital	21407
Audiovox	20717, 21071, 21072, 21121, 21122
Axion	21071, 21072
Blaupunkt	20717
Blue Parade	20571
Blue Sky	20695
Broksonic	20695, 20868
California Audio Labs	20490
Celestial	21020
Centrex	20672

Cinea	20831
Cinego	21399
CineVision	20876, 20833, 20869
Citizen	21003
Clairtone	20571
Coby	20778, 21086, 21107
Craig	20831
Creative	20503, 20539
CyberHome	20816, 20874, 21019, 21023, 21024
Cytron	20705
Daewoo	20784, 20705, 20833, 20869, 21169, 21172, 21234, 21242
Denon	20490, 20634
Denver	20778
Desay	21407
DigitalMax	21738
Digitrex	20672
Disney	20675, 21270
DiViDo	20705
Dual	20675, 21068, 21085
Durabrand	21127
DVD2000	20521
Electrohome	21003
Emerson	20591, 20675, 20821, 21268
Enterprise	20591
Entivo	20503, 20539
ESA	20821, 21268
Funai	20675, 21268, 21334
Gateway	21158
GE	20522, 20815, 20717
General Electric	20717
Go Video	20573, 20744, 20717, 20715, 20741, 20783, 20833, 20869, 21044, 21075, 21099, 21158, 21304
Go Vision	21071, 21072
GoldStar	20741, 20869
Gradiente	20490
Greenhill	20717
Grundig	20539, 20705

Hitachi	20573, 20664, 21247
Hiteker	20672
iLo	21348
Initial	20717
Insignia	21268
Integra	20571, 20627
IRT	20783
JMB	20695
JVC	20558, 20623, 20867
Kenwood	20490, 20534
KLH	20717, 21020, 21149
Kloss	20533
Koss	21061
Lasonic	20627
Lecson	21533
Lenoxx	21127
LG	20591, 20741, 20869
LiteOn	21058, 21158, 21416
Loewe	20741
Logix	20783
Magnasonic	20675
Magnavox	20503, 20539, 20646, 20675, 20821, 21268
Marantz	20503, 20539, 20675
McIntosh	21533
Memorex	20695, 20831, 21270
Microsoft	20522, 21708
Minato	20752
Mintek	20839, 20717
Mitsubishi	21521, 20521
NAD	20591, 20741
NEC	20785, 20869
Nesa	20717
NexxTech	21402
Norcent	21003, 21107
Onkyo	20503, 20627
Optimus	20571
Orion	20695
Palsonic	20672
Panasonic	20503, 20490, 20571, 20703, 21362, 21462, 21490, 21762

Philco	20733, 20862
Philips	20503, 20539, 20646, 20675, 20854, 21260, 21267, 21354
PianoDisc	21024
Pioneer	20525, 20571, 20631
Polaroid	21020, 21061, 21086
Polk Audio	20539
Presidian	20675, 21072, 21738
Proceed	20672
Proscan	20522
ProVision	20778
Radionette	20741
RadioShack	20571
RCA	20522, 20571, 20717, 20822, 21022, 21132, 21913, 21974
Realistic	20571
Reoc	20752
Rio	20869
Rotel	20623
Saba	21977
Sampo	20752
Samsung	20490, 20573, 20744, 20820, 20899, 21044, 21075
Sansui	20695
Sanyo	20675, 20695, 20873, 21334
Schneider	20783
Schwaiger	20752
Sensory Science	21158
Sharp	20630, 20675, 20752, 21256
Shinsonic	20533, 20839
Slim Art	20784
Sonic Blue	20573, 20715, 20783, 20869, 21099
Sony	20533, 21533, 20864, 21033, 21431
Sova	21122
Superscan	20821
SVA	20717
Sylvania	20630, 20675, 20821, 21268
Symphonic	20675, 20821, 21268, 21334
Teac	20571, 20717

Technics	20490, 20703
Theta Digital	20571
Thomson	20522
Toshiba	20503, 20573, 20539, 20695, 21045, 21154
TYT	20705
Universum	20591
Urban Concepts	20503, 20539
US Logic	20839
V	21064, 21226
Visio	21064, 21226
Vizio	21064, 21226
Xbox	20522, 21708
Yamaha	20490, 20539, 20545
Zenith	20503, 20591, 20741, 20869
Zeus	20784

Setup Codes for DVD/PVR Combos

Códigos de configuración para combinados DVD/PVR

Controlled by the DVD

Controlados por el DVD

Panasonic	20490
Pioneer	20631
RCA	20522
Sharp	21256
Sylvania	20675

Controlados por el VCR

RCA	20880
Sylvania	20000
Toshiba	21008, 21996

Setup Codes for Home Automation

Códigos de configuración para dispositivos de automatización del hogar

Accuthek	31215
Amana	31716
Bionaire	31215
Frigidaire	31333
GE	30240
GoldStar	31537

Holmes	31215
Hunter Douglas	30433
Kenmore	31537
Lasko	30846
LG	31537
Lutron	30597
Marmitek	30167
One For All	30167
RadioShack	30240
Security System	30167
Sharper Image	30846
Universal	30167
Universal X10	30167
Whirlpool	31332
Windmere	31215
X10	30167

Setup Codes for PVRs Códigos de configuración para PVR

ABS	21972
Alienware	21972
CyberPower	21972
Dell	21972
DirecTV	20739
Gateway	21972
Hewlett Packard	21972
Howard Computers	21972
HP	21972
Hughes Network Systems	20739
Humax	20739
Hush	21972
iBUYPOWER	21972
Linksys	21972
Media Center PC	21972
Microsoft	21972
Mind	21972
Niveus Media	21972
Northgate	21972
Panasonic	20616
Philips	20618, 20739

RCA	20880
ReplayTV	20614, 20616
Samsung	20739
Sonic Blue	20614, 20616
Sony	20636, 21972
Stack 9	21972
Systemax	21972
Tagar Systems	21972
Tivo	20618, 20636, 20739
Toshiba	21008, 21972, 21996
Touch	21972
Viewsonic	21972
Voodoo	21972
ZT Group	21972

Setup Codes for Satellite Set-top Boxes **Códigos de configuración para decodificadores de satélites**

AlphaStar	00772
Bell ExpressVu	00775
Chaparral	00216
Crossdigital	01109
DirecTV	01377, 00392, 00566, 00639, 01639, 01142, 00247, 00749, 01749, 00724, 00819, 01856, 01076, 01108, 00099, 01109, 01414, 01442, 01609, 01392, 01640
Dish Network System	01505, 01005, 00775, 01170, 01775
Dishpro	01505, 01005, 00775, 01775
Echostar	01505, 01005, 00775, 00218, 00269, 01170, 01775
Expressvu	00775, 01775
Funai	01377
GE	00392, 00566
General Instrument	00869
GOI	00775, 01775
Hitachi	00749, 00819
Houston	00775
HTS	00775, 01775
Hughes Network Systems	01142, 00749, 01749, 01442

Innova	00099
Jerrold	00869
JVC	00775, 01170, 01775
Legend	00269
LG	01414
Magnavox	00724, 00722
McIntosh	00869
Memorex	00724, 00269
Mitsubishi	00749
Motorola	00869, 00856
Netsat	00099
Next Level	00869
Optimus	00724
Panasonic	00247, 00701
Paysat	00724
Philips	01142, 00749, 01749, 00775, 00724, 00819, 01076, 00722, 00099, 01442
Pioneer	01142, 01442
Primestar	00869
Proscan	00392, 00566
RadioShack	00566, 00775, 00869, 00051, 00052, 00269
RCA	00392, 00566, 01142, 00775, 00855, 00143, 01392, 01442
Realistic	00051, 00052
Samsung	01377, 01142, 01276, 01108, 01109, 01442, 01609
SKY	00856, 00099
Sony	00639, 01639, 01640
Star Choice	00869
Star Trak	00772, 00869
Thomson	00392, 00566
Tivo	01142, 01442
Toshiba	00749, 01749, 00790, 00819, 01285
UltimateTV	01392, 01640
Uniden	00724, 00722, 00052
Voom	00869
Zenith	00856, 01856

Setup Codes for TV/DVD Combos

Códigos de configuración para combinados de TV/DVD

Controlled by the Television

Controlados por la TV

Accurian	11803
Akai	11675
Audiovox	11937
Axion	11937
Cinego	11986
RCA	11948

Controlled by the DVD

Controlados por el DVD

Accurian	20677
Akai	20143, 20695
Apex Digital	20830
Audiovox	21071, 21121, 21122
Axion	21071
Broksonic	20695
Cinego	21399
Emerson	20675, 21268
ESA	21268
Funai	21268
Go Vision	21071
Hitachi	21247
Insignia	21268
Magnavox	21268
Panasonic	21490
Philips	20854, 21260
RCA	21022
Samsung	20899
Sansui	20695
Sova	21122
Sylvania	20675, 21268
Toshiba	20695

Setup Codes for TV/VCR Combos

Códigos de configuración para combinados TV/VCR

Controlled by the TV

Controlados por la TV

America Action	10180
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Audiovox	10180
Broksonic	11911
Emerson	10236, 11911, 11913
Funai	11904
GE	11922
Harley Davidson	11904
Hitachi	11904
Lloyd's	11904
Magnasonic	11913
Magnavox	11904, 11913
Memorex	11920, 11924, 11927
Optimus	11913, 11924, 11927
Orion	11911
Panasonic	11924, 11927
Quasar	11924
RadioShack	11904, 11920
RCA	11922
Sansui	11904, 11911
Sears	11904
Sony	11904
Symphonic	11904, 11913
Thomas	11904
Zenith	11904, 11911

Controlled by the VCR

Controlados por el VCR

Broksonic	20002, 20479, 21479
Citizen	21278
Curtis Mathes	21035
Daewoo	21278
Emerson	20002, 20479, 20593, 21278, 21479
Funai	20000
GE	20240, 20807, 21035, 21060
GoldStar	21237
Harley Davidson	20000
Hitachi	20000
LG	20480, 21037
Lloyd's	20000
Magnasonic	20593, 21278
Magnavox	20000, 20593, 21781

Magnin	20240
Memorex	20162, 20454, 21037, 21162, 21237, 21262
MGA	20240
Mitsubishi	20807
Optimus	20162, 20454, 20593, 21162, 21262
Orion	20002, 20479, 21479
Panasonic	20162, 21035, 21162, 21262
Penney	20240, 21035, 21237
Philco	20479
Quasar	20162, 21035, 21162
RadioShack	20000, 21037
RCA	20240, 20807, 21035, 21060
Samsung	21014
Sansui	20000, 20479, 21479
Sanyo	20240
Sears	20000, 21237
Sony	20000, 21232
Sylvania	21781
Symphonic	20000, 20593
Thomas	20000
Toshiba	20845, 21145
Zenith	20000, 20479, 21479

Setup Codes for TV/VCR/DVD Combos

Códigos de configuración para combinados TV/VCR/DVD

Controlled by the DVD

Controlados por el DVD

Akai	20899
Broksonic	20868
Emerson	20821
ESA	20821
Funai	21334
Magnavox	20821
Panasonic	21362, 21462
RCA	21132
Sharp	20630
Superscan	20821
Sylvania	20821

Symphonic	20821
Toshiba	21045

Controlled by the VCR

Controlados por el VCR

Sharp	20807
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Setup Codes for Video Accessories

Códigos de configuración para accesorios de video

ABS	01272
Accurian	01653
Alienware	01272
Allegro	00160
Archer	00160
Astro Text	01141
Bantor	00160
Centronic	00160
CyberPower	01272
D-Link	01554
Epson	01563
Gateway	01272
GC Electronics	00160
Hewlett Packard	01272, 01267
Howard Computers	01272
HP	01272, 01267
Hush	01272
iBUYPOWER	01272
Jebsee	00160
JVC	01384
LG	01415
Linksys	01272, 01365
Macro Image Technology	01383
Media Center PC	01272
Microsoft	01272
Mind	01272
Motorola	01363
MyHD	01383
Niveus Media	01272
Northgate	01272
Panasonic	01120

Pinnacle Systems	01268
Pioneer	01010
RadioShack	00160, 01625
Ricavision	01272
Roku	01486
Samsung	01190, 01490
Sensory Science	01126
Sharp	01010
SMC	01456
Sony	01272, 01324, 01364
Stack 9	01272
Streamzap	01309
Sylvania	01563
Systemax	01272
Tagar Systems	01272
Telemann	01604
Toshiba	01272
Touch	01272
Viewsonic	01272, 01329
Vizio	01126
Voodoo	01272
ZT Group	01272

Setup Codes for VCRs

Códigos de configuración para VCR

A-Mark	20037, 20240, 20000, 20046
ABS	21972
Admiral	20060, 20048, 20039, 20047, 20104, 20209, 20062, 20479
Adventura	20037, 20240, 20000
Aiwa	20037, 20000, 20307, 21137
Akai	20175
Alba	20209
Alienware	21972
Allegro	20039, 21137
American High	20035, 20081
Amstrad	20000
Asha	20240
Astra	20035, 20240

Audio-Technica	20058
Audiovox	20037
Avis	20000
Beaumark	20240
Bell & Howell	20035, 20048, 20039, 20000, 20104, 20046, 20479
Broksonic	20184, 20121, 20209, 20002, 20479, 21479
Calix	20037
Candle	20037
Canon	20035
Capehart	20002, 20062
Carrera	20240
Carver	20035, 20081
CineVision	21137
Citizen	20035, 20037, 20240, 20000, 20209, 20479, 21278
Classic	20037
Colortyme	20060, 20035, 20045
Colt	20000
Craig	20037, 20047, 20240
Criterion	20000
Crosley	20035, 20081, 20000, 20149
Curtis Mathes	20060, 20035, 20162, 20240, 20000, 20432, 20454, 21035
Cybernex	20240
CyberPower	21972
Daewoo	20037, 20045, 20046, 21137, 21278
Daytron	20037
Dell	21972
Denon	20081, 20042
DirecTV	20739
Dual	20000
Durabrand	20039
Dynatech	20240, 20000
Electrohome	20060, 20037, 20240, 20000, 20043, 20209
Electrophonic	20037
Emerald	20184, 20121
Emerex	20032

Emerson	20037, 20184, 20240, 20000, 20121, 20043, 20209, 20002, 20202, 20479, 20593, 21278, 21479, 21593
ESA	21137
Fisher	20039, 20047, 20000, 20104, 20046, 20066
Fuji	20035, 20033
Fujitsu	20000
Funai	20037, 20000, 20593, 21593
Garrard	20000
Gateway	21972
GE	20060, 20035, 20048, 20240, 20000, 20149, 20202, 20807, 21035, 21060
Gemini	20060
Genexxa	20037, 20000
Go Video	20240, 20432, 20614, 20619, 21137
GoldStar	20035, 20037, 20039, 20000, 20480, 21137, 21237
Goodmans	20037, 20081, 20000, 20062
Gradiente	20000
Granada	20081, 20042
Grundig	20081
Harley Davidson	20000
Harman/Kardon	20081
Headquarter	20046
Hewlett Packard	21972
HI-Q	20035, 20047, 20000
Hitachi	20035, 20037, 20045, 20000, 20042, 20089
Howard Computers	21972
HP	21972
Hughes Network Systems	20042, 20739
Humax	20739
Hush	21972
Hytek	20047, 20000
iBUYPOWER	21972
ITT Nokia	20240, 20268
Janeil	20240
Jensen	20067
JVC	20067, 20058, 21162

KEC	20037
Kenwood	20067, 20046
Kodak	20035, 20037
KTV	20000
LG	20037, 20240, 20480, 21037, 21137
Linksys	21972
Lloyd's	20240, 20000
Loewe	20081
Logik	20240, 20000
Luxor	20046
LXI	20037, 20000, 20042, 20067
M Electronic	20240
Magnasonic	20037, 20240, 20000, 20593, 21278
Magnavox	20035, 20037, 20048, 20039, 20081, 20240, 20000, 20149, 20563, 20593, 20618, 21593, 21781
Magnin	20240
Marantz	20035, 20081, 20062
Marta	20037
Matsui	20037, 20209
Matsushita	20035, 20162, 20081, 20454, 21162
Media Center PC	21972
MEI	20035
Memorex	20035, 20162, 20037, 20048, 20039, 20047, 20240, 20000, 20104, 20209, 20062, 20046, 20268, 20299, 20307, 20454, 20479, 21037, 21162, 21237, 21262
Metz	20037
MGA	20060, 20240, 20043
MGN Technology	20240
Microsoft	21972
Midland	20240
Mind	21972
Minolta	20042
Mitsubishi	20060, 20048, 20047, 20000, 20042, 20067, 20043, 20807
Motorola	20035, 20048

MTC	20240, 20000
MTX	20000
Multitech	20039, 20000
NAD	20240, 20104, 20058
NEC	20104, 20067
Nikko	20037
Nikkodo	20037
Nishi	20240
Niveus Media	21972
Noblex	20240
Northgate	21972
Olympus	20035, 20162, 20104
Onkyo	20222
Optimus	21062, 20035, 20162, 20037, 20048, 20047, 20240, 20000, 20104, 20062, 20058, 20432, 20454, 20568, 20593, 20619, 21048, 21162, 21262
Optonica	20062
Orion	20184, 20240, 20000, 20104, 20121, 20209, 20002, 20479, 21479
Panama	20035
Panasonic	21062, 20035, 20162, 20000, 20225, 20454, 20614, 20616, 21035, 21162, 21262
Penney	20035, 20162, 20037, 20047, 20081, 20240, 20000, 20042, 20067, 21035, 21237
Pentax	20042
Philco	20035, 20081, 20000, 20209, 20479
Philips	20035, 20162, 20048, 20081, 20045, 20000, 20209, 20062, 20616, 20618, 20739, 21081, 21181
Pilot	20037
Pioneer	20162, 20081, 20042, 20067, 20058
Polk Audio	20081
Presidian	21593
Profitronic	20240
Proscan	20060, 20202, 21060
Protec	20000

Pulsar	20039, 20240
Pulser	20240
Quarter	20046
Quartz	20035, 20047, 20046
Quasar	20035, 20162, 20002, 20454, 21035, 21162
RadioShack	20035, 20162, 20037, 20048, 20047, 20240, 20000, 20104, 20046, 20062, 20066, 20268, 20299, 21037, 21162
Radix	20037
Randex	20037
RCA	20060, 20035, 20048, 20240, 20045, 20000, 20042, 20149, 20058, 20202, 20619, 20807, 20880, 21035, 21060
Realistic	20035, 20162, 20037, 20048, 20047, 20240, 20000, 20104, 20121, 20046, 20062, 20066, 20299, 21162
ReplayTV	20614, 20616
Ricavision	21972
Rio	21137
Runco	20039
Samsung	20060, 20240, 20045, 20000, 20432, 20739, 21014
Samtron	20240
Sanky	20048, 20039
Sansui	20240, 20000, 20067, 20209, 20002, 20479, 21479
Sanyo	20047, 20240, 20000, 20104, 20046, 20268, 20479
Scott	20184, 20045, 20121, 20043
Sears	20060, 20035, 20162, 20037, 20048, 20039, 20047, 20033, 20045, 20000, 20042, 20104, 20067, 20043, 20209, 20046, 20058, 20066, 21237
Sharp	20048, 20047, 20032, 20000, 20062, 20807, 20848
Shintom	20039, 20240, 20000
Shogun	20240
Siemens	20037, 20104

Signature	20060, 20035, 20037, 20048, 20000, 20149, 20046, 20066, 20479
Singer	20037, 20240
Sonic Blue	20614, 20616, 21137
Sonographe	20046
Sony	20035, 20047, 20032, 20033, 20000, 20067, 20046, 20636, 21032, 21232, 21972
Soundmaster	20000
Stack 9	21972
STS	20042
SV2000	20000
SVA	20000
Sylvania	20035, 20081, 20000, 20043, 20593, 21593, 21781
Symphonic	20240, 20000, 20002, 20593, 21593
Systemax	21972
Tagar Systems	21972
Tandy	20000, 20104
Tatung	20048, 20081, 20000, 20067
Teac	20000, 20067
Technics	20035, 20162, 20037, 20000
Teknika	20035, 20037, 20000
Telecorder	20240
Tevion	20479
Thomas	20000, 20002
Thomson	20060, 20202
Tivo	20618, 20636, 20739, 21996
TMK	20240, 20000
TNIX	20037
Tocom	20240
Toshiba	20240, 20045, 20000, 20043, 20209, 20062, 20066, 20845, 21008, 21145, 21972, 21996
Totevision	20037, 20240
Touch	21972
Trix	20037
Ultra	20045
Unitech	20240
Vector	20045

Vector Research	20184
Victor	20067
Video Concepts	20045
Videomagic	20037
Videosonic	20240, 20000
Viewsonic	21972
Villain	20000
Voodoo	21972
Wards	20060, 20035, 20037, 20048, 20047, 20081, 20033, 20240, 20045, 20000, 20042, 20043, 20149, 20046, 20058, 20062, 20479
Wharfedale	20593
White Westinghouse	20000, 20209, 20479
World	20209, 20002, 20479
XR-1000	20035, 20240, 20000
Zenith	20037, 20039, 20033, 20000, 20209, 20479, 21137, 21139, 21479
ZT Group	21972

NOTES

NOTES

LIMITED 90-DAY WARRANTY

This product is warranted by **RadioShack** against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from **RadioShack** company-owned stores and authorized **RadioShack** franchisees and dealers. For complete warranty details and exclusions, check with your local **RadioShack** store.

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04/04

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Printed in China



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